

IZOFLEX-SK ADHESIVE

Date of issue 23.09.2009

Revision date: 13.01.2017

EN version: 4.0

Safety Data Sheet complies with Regulation (EC) 1907/2006 of 18.12.2006 - REACH and 2015/830 of 28.05.2015

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier KLEJ IZOFLEX - SK

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified use: adhesive for IZOFLEX system wall cladding and for ceramic tiles
Use advised against: not specified

1.3. Details of the supplier of the safety data sheet

Manufacturer IZOTECHNIKA Sp. z o.o.
ul. Limanowskiego 53
47-300 Krapkowice
phone: (077) 407 81 80, fax: (077) 407 81 82
E-mail of the person responsible for this safety data sheet: info@spin-doradztwo.pl

1.4. Emergency telephone number 112 (general emergency), 998 (fire department), 999 (medical emergency);

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

As per Regulation 1272/2008:
Mixture is not classified as dangerous.

Hazards for human health

None

Environmental hazards

None

Physical/chemical hazards

None

2.2. Label elements

Pictograms:

None

Signal word:

None

Hazard statements:

None

Precautionary statements:

None

Other details:

EUH208: Contains a mixture of 5-chlorine-2-methyl-2*H*-isothiasole-3-on [EC No 247-500-7] and 2-methyl-2*H*-isothiasole-3-on [EC No 220-239-6] (3:1); May cause an allergic reaction

EUH210: *Safety data sheet available on request.*

2.3. Other hazards

No other hazards

No information on compliance with PBT or vPvB criteria according to Annex XIII of the REACH Regulation.

SECTION 3: Composition/information on ingredients

3.1. Substances

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Not applicable.

3.2. Mixtures

Dangerous ingredients:

Product identifier	Contents %	CLP classification	
		Hazard class and category codes	H phrase codes
2-amin-2-methylpropanol CAS: 124-68-5 EC 204-709-8 Index No: 603-070-00-6 REACH No: 01-2119475788-16-XXXX	<0.05	Skin Irrit. 2 Eye Dam. 1 Aquatic Chronic 3	H315 H318 H412
mixture of 5-chlorine-2-methyl--2H-isothiasole-3-on [EC No 247-500-7] and 2-methyl-2H-isothiasole-3-on [EC No 220-239-6] (3:1); CAS: 55965-84-9 EC - Index No: 613-167-00-5 REACH: the substance is covered by transition period provisions	<0.0015	Acute Tox. 3 Skin Corr. 1B Skin Sens. 1 Aquatic Acute 1 (M=10) Aquatic Chronic 1 (M=1)	H331 H311 H301 H314 H317 H400 H410

Full hazard statements are provided in section 16

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures****Following skin contact:**

Wash the affected skin with water and soap, thoroughly rinse with water, if irritation or erythema appears, seek medical advice.

Following eye contact:

Rinse with plenty of water for several minutes (ca. 15), keeping the lids wide open. Avoid a strong stream due to risk of corneal damage, seek medical advice.

Following inhalation:

In case of dizziness or nausea, take the affected individual to fresh air and seek medical advice if there is no quick improvement.

Following ingestion:

Do not provoke vomiting. Rinse mouth with water. Give a lot of water to drink. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: may result in an allergic reaction to sensitive individuals

Eye contact: possible irritation if in direct contact.

Respiratory system: no known harmful effects.

Digestion system: symptoms of food poisoning, stomach ache, nausea, vomiting, diarrhoea.

4.3. Indication of any immediate medical attention and special treatment needed

Decision on how to handle the affected individual is taken by the doctor upon assessment of the individual's condition.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

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Suitable extinguishing media: alcohol-resistant foam or dry powders (A, B, C), carbon dioxide, sand or soil. Fire fighting methods to match the environmental conditions.

Unsuitable extinguishing media: Strong water jet.

5.2. Special hazards arising from the substance or mixture

In a fire, toxic decomposition products are released by high temperatures, containing e.g. carbon oxides.

5.3. Advice for fire-fighters

Containers in the fire zone to be cooled down with a dispersed stream of water and removed from the danger zone if possible. If there is a fire in an enclosed room, protective clothing and compressed-air breathing apparatus to be used. Do not allow fire fighting water to penetrate into surface and groundwater and the sewerage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: notify the relevant services of the accident. Evacuate all persons not involved in the emergency action from the hazardous area.

For emergency responders: Ensure proper ventilation, avoid direct eye and skin contact, use personal protective equipment

6.2. Environmental precautions

Prevent spreading and penetration into the sewerage system and water reservoirs

6.3. Methods and material for containment and cleaning up

Avoid spread and remove by collection on absorbing material (sand, sawdust, filter earth, all-purpose sorbent); place contaminated material in properly marked containers to be disposed as per the effective laws.

6.4. Reference to other sections

Product waste handling - see section 13 of this SDS.

Personal protective equipment - see section 8 of this SDS.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid eye contact. Avoid prolonged or repeated skin contact. Avoid spilling. Avoid inhalation of product vapours. Work according to health and safety rules: do not eat or drink, do not smoke in the workplace, wash hands after use, take off contaminated clothing and protective equipment before entering dining areas.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool, dry, well-ventilated room in a properly marked, tightly closed original container. Avoid direct sun exposure and sources of heat, hot surfaces and open fire. Protect against frost.

7.3. Specific end use(s)

adhesive for IZOFLEX system wall cladding and for ceramic tiles

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

None

8.2. Exposure controls

Appropriate engineering controls: General room ventilation is recommended

Personal protective equipment:

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**Eye or face protection:**

Use protective goggles or face-protecting mask (as per EN 166).

Skin protection:

use protective gloves resistant to chemicals made of natural rubber or PVA, conforming to EN-PN 374:2005

Glove material:

Selection of appropriate gloves does not only depend on the material, but also on the brand and quality of a specific manufacturer. Glove material resistance may be specified after testing. The exact glove wear time must be specified by the manufacturer.

Other:

Use protective work clothing - wash regularly.

Respiratory protection:

Avoid inhalation of product vapours.

Thermal hazards:

Not applicable.

Environmental exposure controls

Prevent spreading in the environment and penetration into the sewerage system and waterways.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Thick compound
Colour	White to grey
Odour	Light, specific
Odour threshold	Not specified.
pH	8.5
Melting point/range	Not specified.
Boiling point/range	Not specified.
Flash point	Not specified.
Evaporation rate	Not specified
Flammability (solid, gas)	Not specified
Lower explosive limit	Not specified
Upper explosive limit	Not specified
Vapour pressure	Not specified
Relative vapour density	Not specified
Density at 20°C	1.60 – 1.80 g/cm ³
Solubility in solvents	Not soluble in water
Partition coefficient n-octanol-water	Not specified
Spontaneous combustion temperature	Not specified
Decomposition temperature	Not specified
Dynamic viscosity	Not specified
Kinematic viscosity	Not specified
Explosive properties	Not specified
Oxidising properties	Not specified

9.2. Other Details

No additional test results.

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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Unknown.

10.2. Chemical stability

Product stable under normal use, storage and transport conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Avoid increased temperature, direct sun exposure, hot surfaces, and open fire. Protect against frost.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Toxic decomposition products are released in high temperatures - carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- a) Acute toxicity: not present
- b) Skin corrosion/irritation: not present
- c) Serious eye damage/irritation: not present
- d) Sensitizing effect on respiratory tract or skin: not present
- e) Germ cell mutagenicity: not present
- f) Carcinogenicity: not present
- g) Reproductive toxicity: not present
- h) Specific target organ toxicity - single exposure: not present
- h) Specific target organ toxicity - repeated exposure: not present
- j) Aspiration hazard: not present

Information on possible exposure methods:

Skin contact: may result in an allergic reaction to sensitive individuals

Eye contact: possible irritation if in direct contact.

Respiratory system: no known harmful effects.

Digestion system: symptoms of food poisoning, stomach ache, nausea, vomiting, diarrhoea.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

No data.

Mutual interaction effects:

No data.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

No data.

12.2. Persistence and degradability

No data.

12.3. Bio-accumulative potential

No data.

12.4. Mobility in soil

No data.

12.5. Results of PBT and vPvB assessment

No data.

12.6. Other adverse effects

No data.

SECTION 13: DISPOSAL CONSIDERATIONS

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Waste and disposable packaging should be disposed of by specialised contractors. Dispose of as per the applicable regulations. Empty packaging to be disposed of or recycled as per the applicable laws.

Regulation of the Minister of Environment of 9 December 2014 on the catalogue of wastes (Journal of Laws [Dz.U.] No 1923).

Council Directive 75/442/EC on waste. Council Directive 91/689 EEC on hazardous waste, Commission Decision No 2000/532/EC of 3 May 2000 establishing a list of wastes, OJ L 226/3 of 6 September 2000, as amended.

SECTION 14: TRANSPORT INFORMATIONADR/RID/IMDG/IATA:**14.1. UN number**

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packaging group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended
2. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. Regulation 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008, as amended
4. Act of 25 February 2011 on chemical substances and their mixtures (Dz.U. No 63, item 322, as amended)
5. Regulation of the Minister of Health of 10 October 2013 amending regulation on the categories of dangerous substances and mixtures whose packaging is provided with closures preventing their opening by children and providing tactile warning (Dz. U. 2013 No 0 item 1225)
6. Waste Act of 14 December 2012 (Dz. U. of 2013, No 0, item 21);
7. Act on packaging and packaging waste management of 13 June 2013 (Dz.U. 2013, item 888),
8. Regulation of the Minister of Environment of 9 December 2014 on the catalogue of wastes (Journal of Laws [Dz.U.] No 1923).

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9. Council Directive 75/442/EEC on waste, Council Directive 91/689/EEC on hazardous waste, Commission Decision No 2000/532/EC of 3 May 2000 establishing a list of wastes, OJ L 226/3 of 6 September 2000, as amended.
10. Act of 19 August 2011 on the carriage of dangerous goods (Dz.U. No 227, item 1367, as amended)
11. Government Declaration of 23 March 2015 concerning the entry into force of changes to Annex A and B of the European agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Dz.U. 2015, item 882),
12. Regulation of the Minister of Labour and Social Policy of 6 June 2014 on maximum permissible concentrations and intensities of agents harmful to health in work environment (Dz.U. item 817, as amended)
13. Regulation of the Minister of Health of 30 December 2004 on occupational health and safety where chemical agents are present in work environment (Dz. U. of 2005, No 11, item 86, as amended).
14. Regulation of the Minister of Environment of 9 December 2003 on substances posing particular environmental hazards (Dz.U. No. 217, item 2141).

15.2. Chemical safety assessment

No chemical safety assessment report for the mixture.

SECTION 16: OTHER INFORMATION**H Statements:****H301** - toxic if swallowed**H301** - toxic in contact with skin**H314** - causes severe skin burns and eye damage**H315** - causes skin irritation**H317** - may cause an allergic skin reaction**H318** - causes serious eye damage**H331** - toxic if inhaled**H400** - very toxic to aquatic life**H410** - very toxic to aquatic life with long-lasting effects**H412** - harmful to aquatic life with long-lasting effects**Description of abbreviations, acronyms and symbols used:****Eye Dam. 1** - serious eye damage cat. 2**Skin Irrit. H315** - causes skin irritation cat 2**Acute Tox. 3** - acute toxicity cat. 3**Skin Corr. 1B** - skin corrosion cat. 1B**Skin Sens. 1B** - skin sensitisation cat. 1**Aquatic Acute 1** - poses a hazard to aquatic environment, cat. 1**Aquatic Chronic 1** - poses a hazard to aquatic environment, cat. 1**Aquatic Chronic 3** - poses a hazard to aquatic environment, cat. 3**PBT** - Persistent, bioaccumulative and toxic**vPvB** - Very persistent and very bioaccumulative**ADR** - European agreement concerning the International Carriage of Dangerous Goods by Road**RID** - Regulations concerning the International Carriage of Dangerous Goods by Rail**IMDG** - International Maritime Dangerous Goods Code**IATA** - The International Air Transport Association's Dangerous Goods Regulation

Basis for classification: product is not classified as dangerous

Changes:

Changes to the safety data sheet made as per Commission Regulation (EU) 2015/830 of 28 May 2015

Changes in sections: 2, 3, 9, 11, 13, 15

Training:

SAFETY DATA SHEET



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Not required

SOURCE MATERIALS

Annex to Regulation (EU) 2015/830 of 28 May 2015

Laws and regulations referenced in section 15 of this sheet

Information from the Chemical Substances Office

SDSs of the manufacturer - TILES IZOFLEX AND ADHESIVE IZOFLEX - SK.

Information provided in this SDS applies only to the product named in the title. The data contained in this Safety Data Sheet should be treated only as guidance for safe use of the product **TILES IZOFLEX AND ADHESIVE IZOFLEX - SK**. Since the conditions of storage, transport and use are beyond our control, legal warranty for the same is excluded. Statutory laws and third-party rights, if any, should be observed at all times. *The SDS is not an assessment of workplace hazards.* The product should not be used for any other purpose than stated in section 1 without a prior consultation with **IZOTECHNIKA Sp. z o.o.**

Prepared by SPIN-DORADZTWO www.spin-doradztwo.pl for **IZOTECHNIKA Sp. z o.o.**